

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1. (currently amended) An air spring sleeve comprising:
an elastomer body;
a first cord embedded in the elastomer body, the first cord wound with a first helix angle with respect to a sleeve centerline;
a second cord embedded in the elastomer body, the second cord wound with a second helix angle with respect to a sleeve centerline;
the first helix angle and the second helix angle describe a differential helix angle;
the first cord is disposed inward of the second cord ~~an air spring interior~~;
~~the second cord is disposed outward of an air spring interior as compared to the first cord; and~~
the first helix angle is greater than the second helix angle; and
the sleeve having a torsional strain less than approximately 0.5°.
2. (original) The air spring as in claim 1, wherein the differential helix angle is in the range of approximately 0° to 5°.
3. (original) The air spring as in claim 2, wherein the differential helix angle is in the range of approximately 0° to 2.5°.

4. (currently amended) An air spring sleeve comprising:
an elastomer body;
a first cord embedded in the elastomer body, the first cord wound with a first helix angle with respect to a sleeve centerline;
a second cord embedded in the elastomer body, the second cord wound with a second helix angle with respect to a sleeve centerline;
the first helix angle and the second helix angle describe a differential helix angle;
the first cord is disposed inward of the second cord ~~an air spring interior~~;
~~the second cord is disposed outward of an air spring interior as compared to the first cord~~; and
the sleeve having a torsional strain less than 0.5°.

5. (original) The air spring as in claim 4, wherein the differential helix angle is in the range of approximately 0° to 5°.

6. (original) The air spring as in claim 5, wherein the differential helix angle is in the range of approximately 0° to 2.5°.

7. (currently amended) An air spring sleeve comprising:
an elastomer body;
a first cord embedded in the elastomer body, the first cord wound with a first helix angle with respect to a sleeve centerline;
a second cord embedded in the elastomer body, the second cord wound with a second helix angle with respect to a sleeve centerline;
the first helix angle and the second helix angle describe a differential helix angle; and
the first helix angle is greater than the second helix angle; and
the sleeve having a torsional strain less than approximately 0.5°.
8. (original) The sleeve as in claim 7, wherein:
the first cord is disposed inward of the second cord, ~~an air spring interior;~~
and
~~the second cord is disposed outward of an air spring interior as compared to the first cord;~~
9. (original) The air spring as in claim 8, wherein the differential helix angle is in the range of approximately 0° to 5°.
10. (original) The air spring as in claim 9, wherein the differential helix angle is in the range of approximately 0° to 2.5°.

11. (original) The air spring as in claim 7, wherein the cord comprises aramid.
12. (new) The air spring as in claim 1, wherein the first cord has a structure similar to the structure of the second cord.
13. (new) The air spring as in claim 4, wherein the first cord has a structure similar to the structure of the second cord.
14. (new) The air spring as in claim 8, wherein the first cord has a structure similar to the structure of the second cord.